

## AEROSOL TRANSFER SYSTEM

### Abstract of the Disclosure

An enhanced transfer system that increases the accuracy and sensitivity of a measurement system is disclosed. In one embodiment, the transfer system includes transfer tubing that transports samples from a spray chamber to an ionizer in a mass spectrometer system. The transfer system also includes a transfer gas line that is connected to the transfer tubing. The transfer gas line supplies a gas that assists with the transferring of the samples from the spray chamber to the ionizer. In one embodiment, the transfer gas line is angled relative to a portion of the transfer tubing. In another embodiment, the transfer gas line is perpendicular relative to a portion of the transfer tubing. The injected gas increases the quantity and quality of the samples transferred to the mass spectrometry system, thereby increasing the overall accuracy and sensitivity of the measurement system.

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